

# Differentiation of 3T3-L1 Preadipocytes Induced By Isochroman Compounds

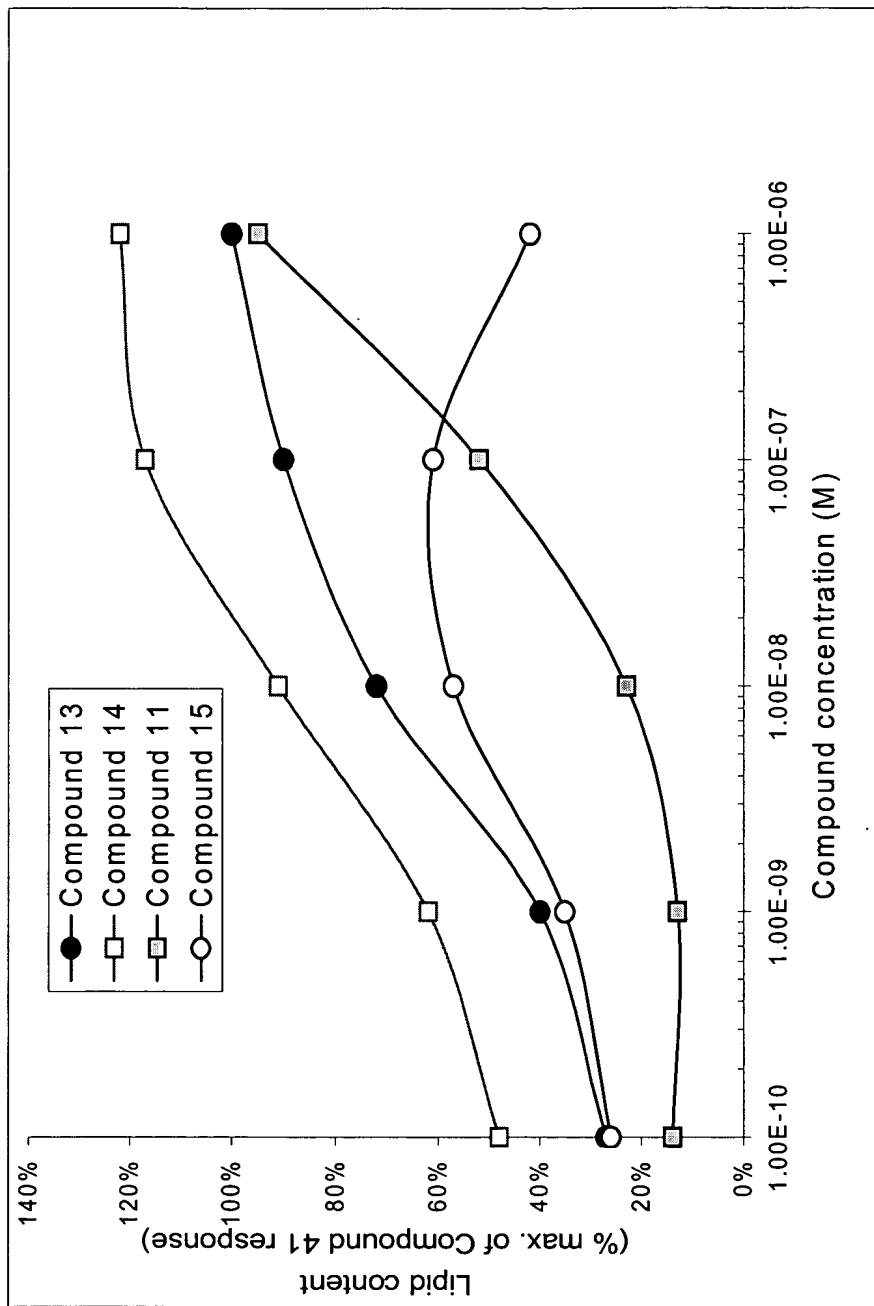


Figure 1a

# Differentiation of 3T3-L1 Preadipocytes Induced By Dihydronaphthalene Compounds

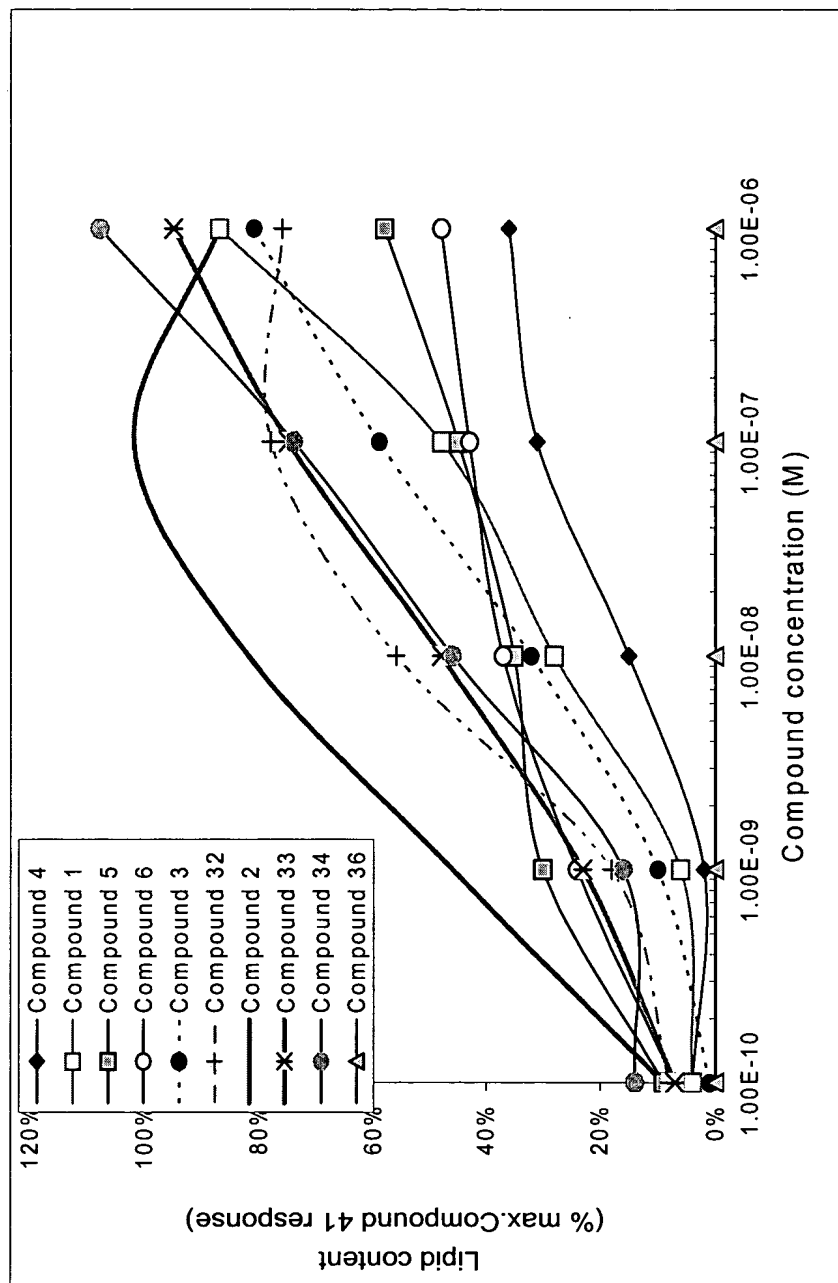
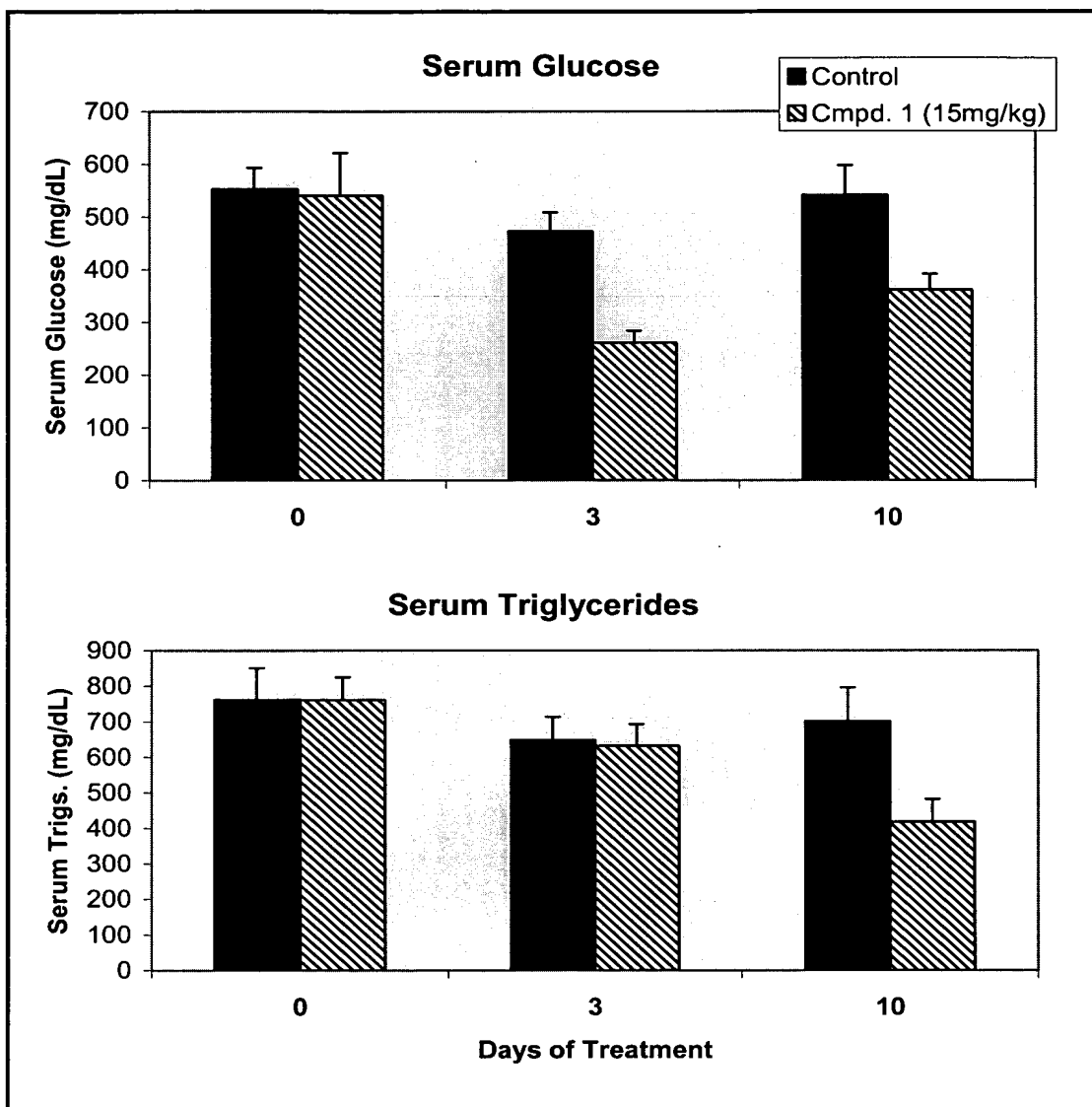


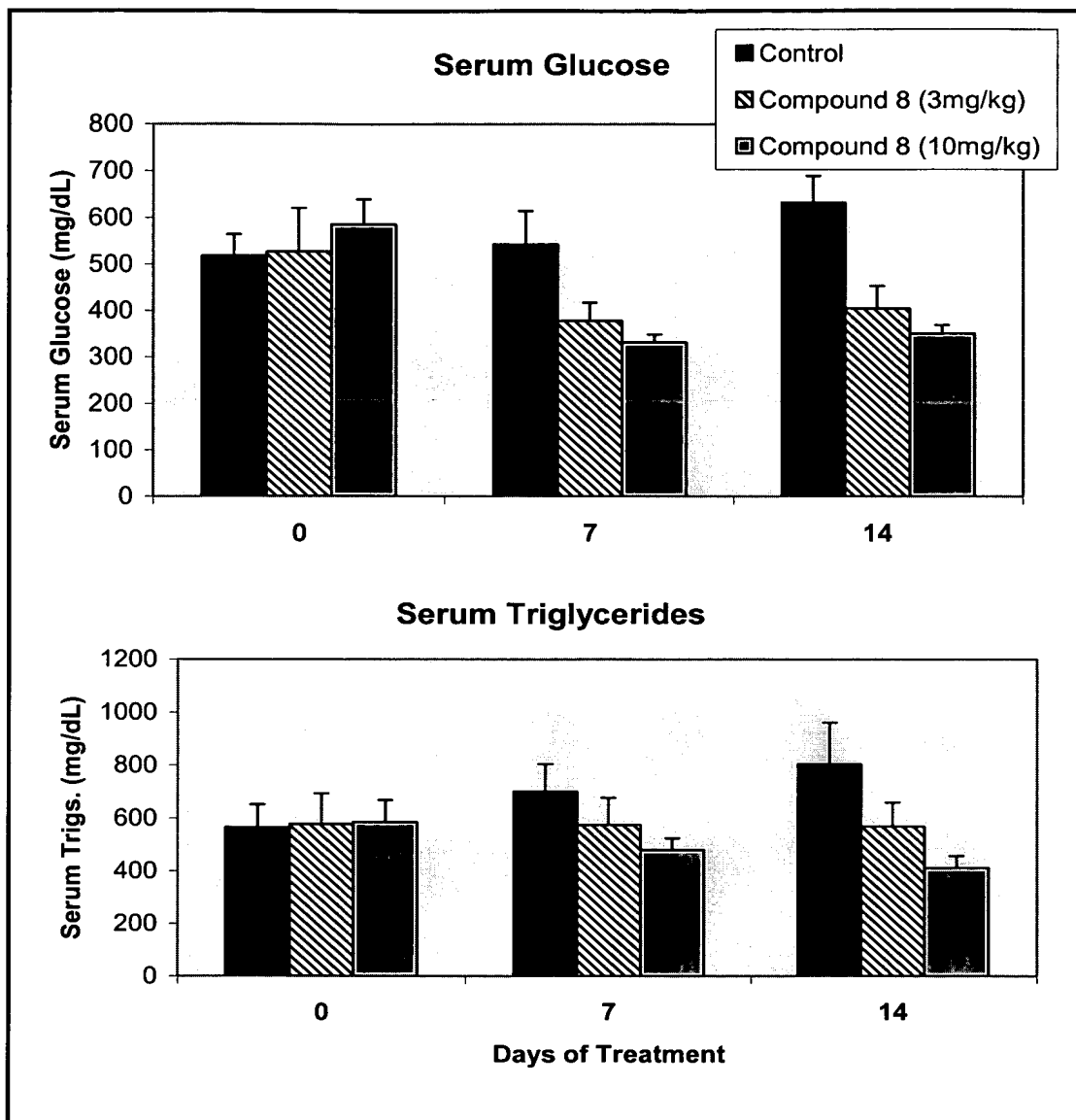
Figure 1b

**Serum Glucose and Triglyceride levels in KKA<sup>y</sup> Mice  
Treated With A Dihydronaphthalene Compound**



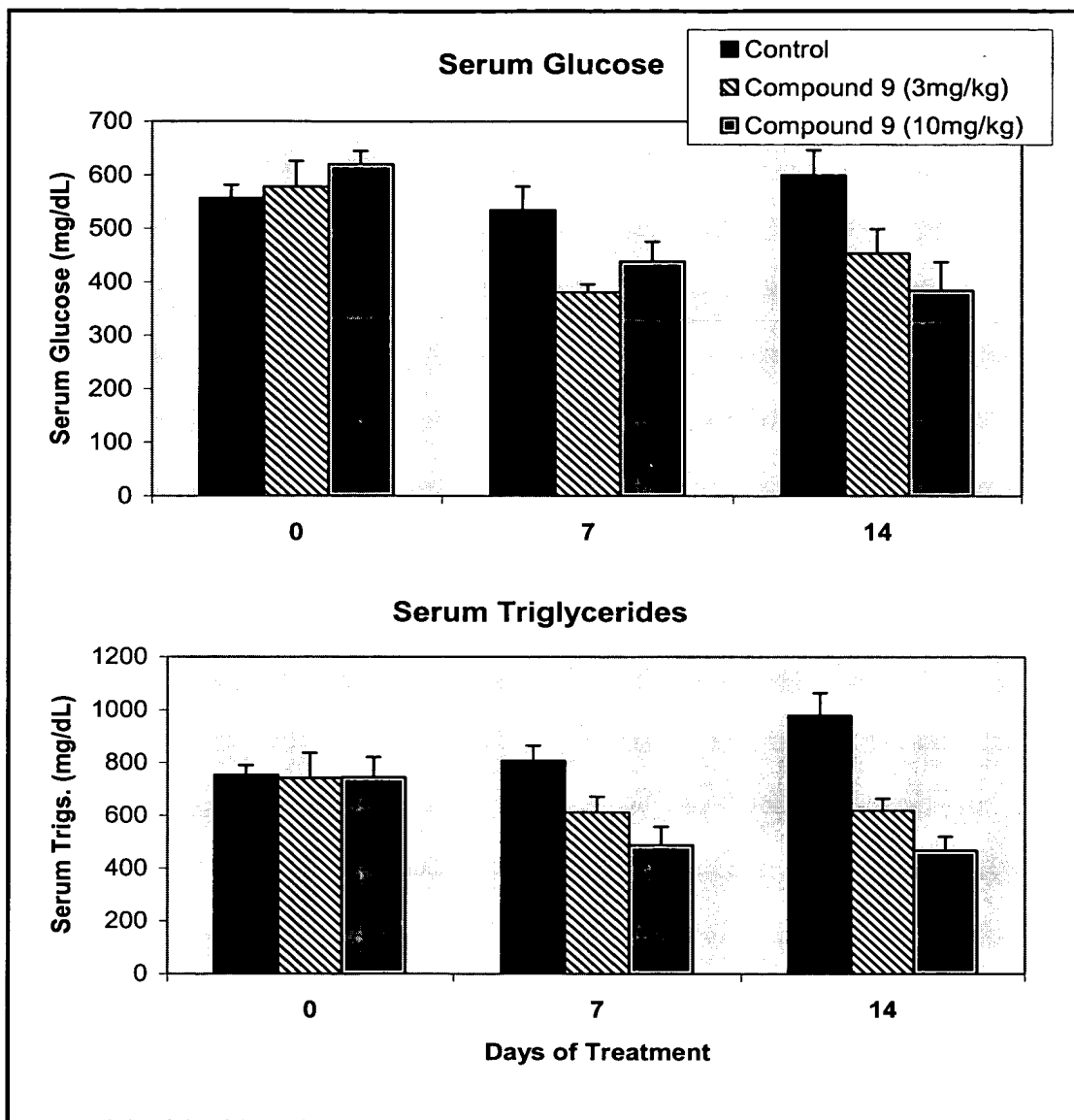
**Figure 2a**

**Serum Glucose and Triglyceride levels in KKA<sup>y</sup> Mice  
Treated With a Dihydronaphthalene Compound**



**Figure 2b**

**Serum Glucose and Triglyceride levels in KKA<sup>y</sup> Mice  
Treated With A Dihydronaphthalene Compound**



**Figure 2c**

## Serum Glucose and Triglyceride Levels in KKA<sup>y</sup> Mice Treated With An Isochroman Compound

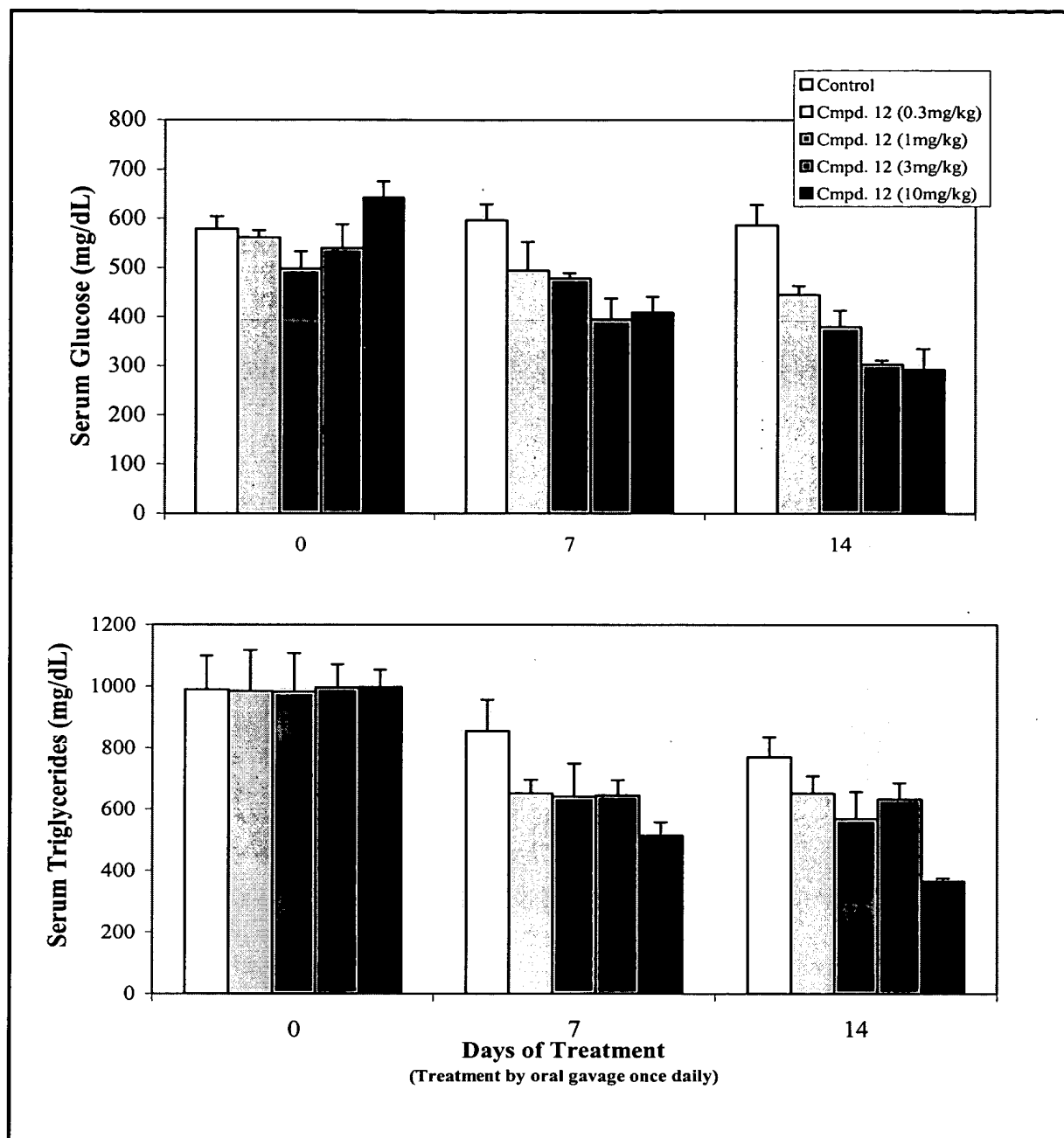
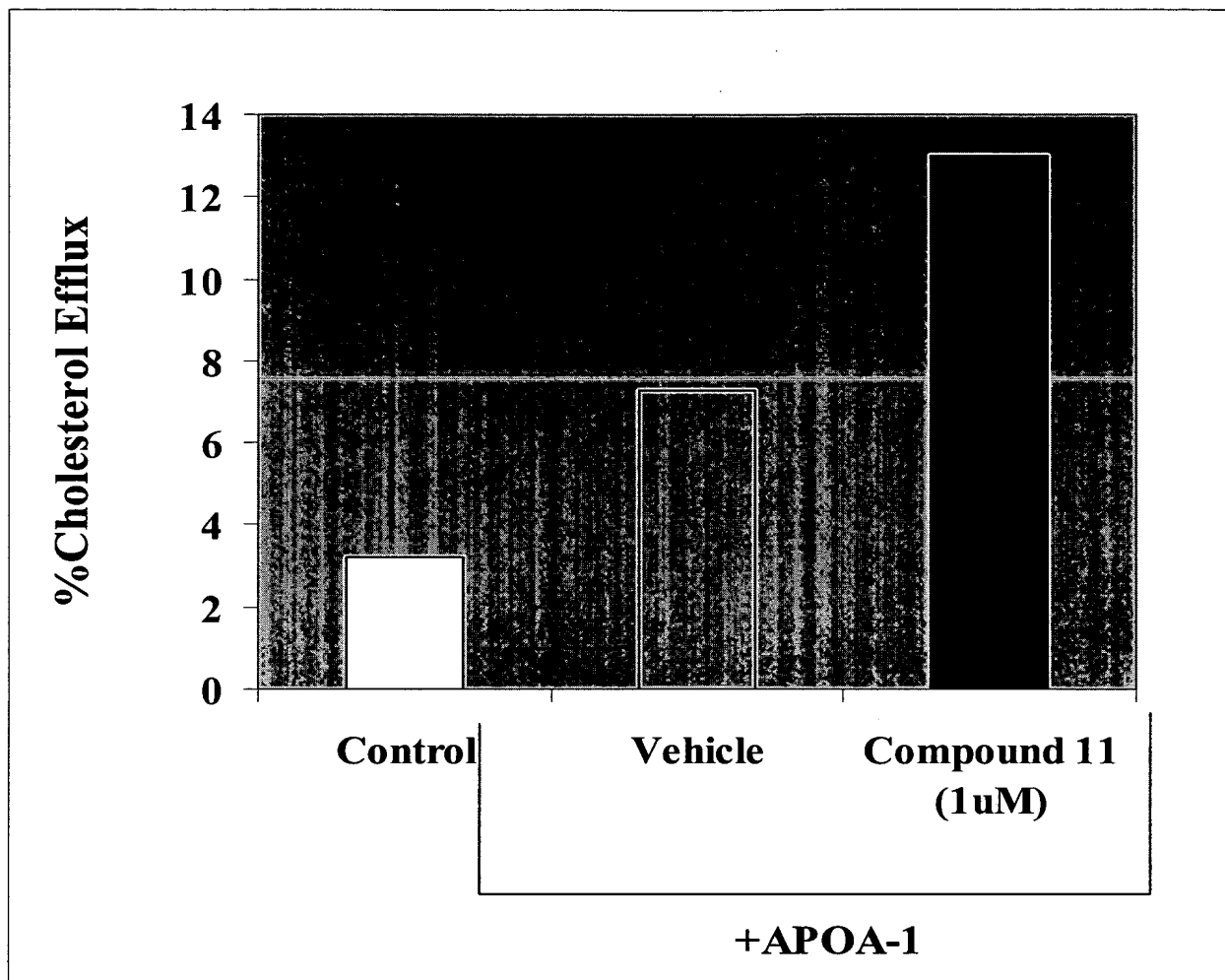


Figure 2d

**Cholesterol Efflux from Human Macrophages  
Treated With An Isochroman Compound**



**Figure 3**

## Serum Cholesterol Levels in Diet-Induced Hypercholesteremic Sprague Dawley Rats Treated With A Dihydronaphthlene Compound

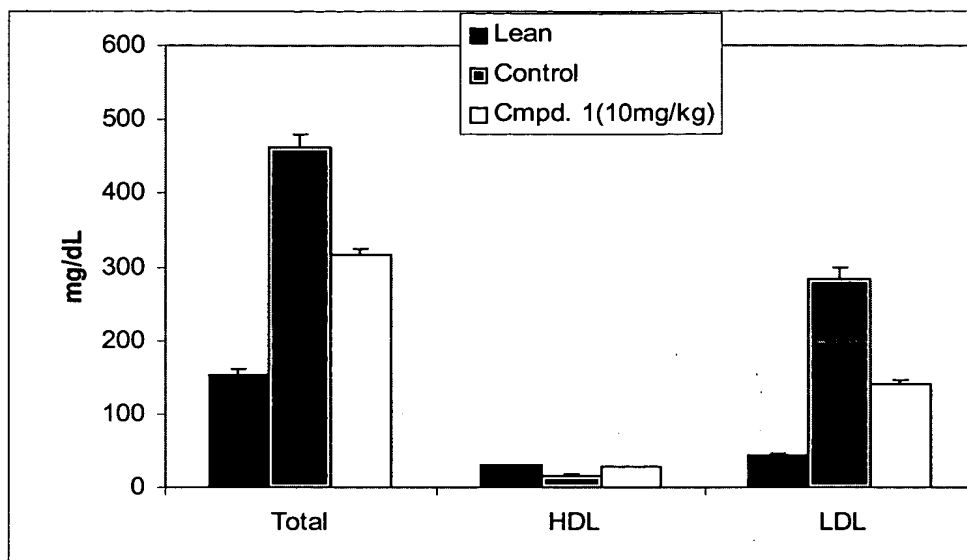


Figure 4a

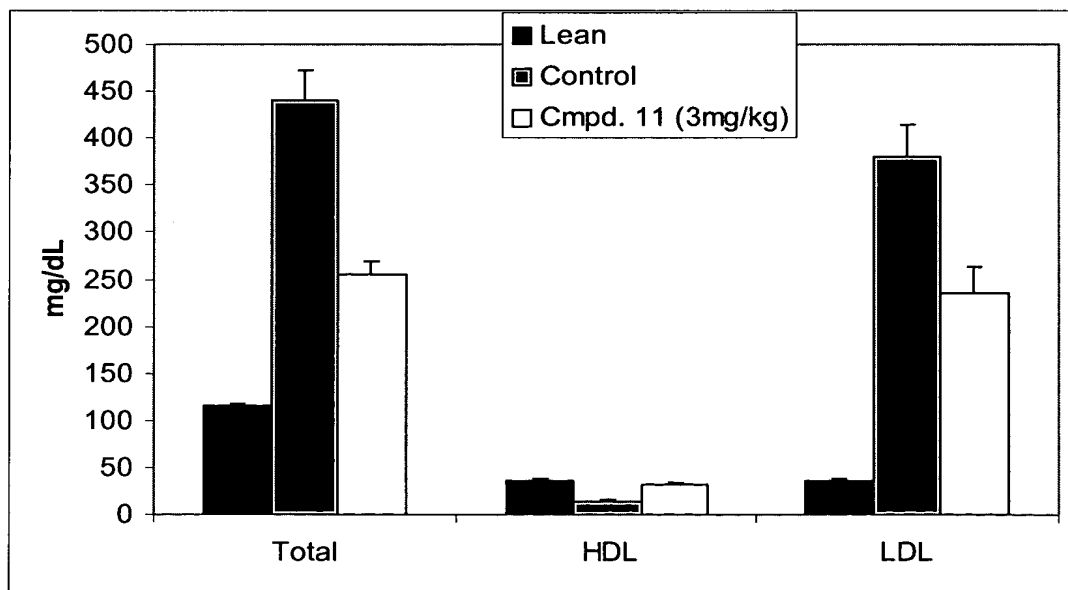


Figure 4b



Western Blot Analysis of Cyclin D1 Expression in MCF-7 Breast Cancer Cells After Treatment With Compounds

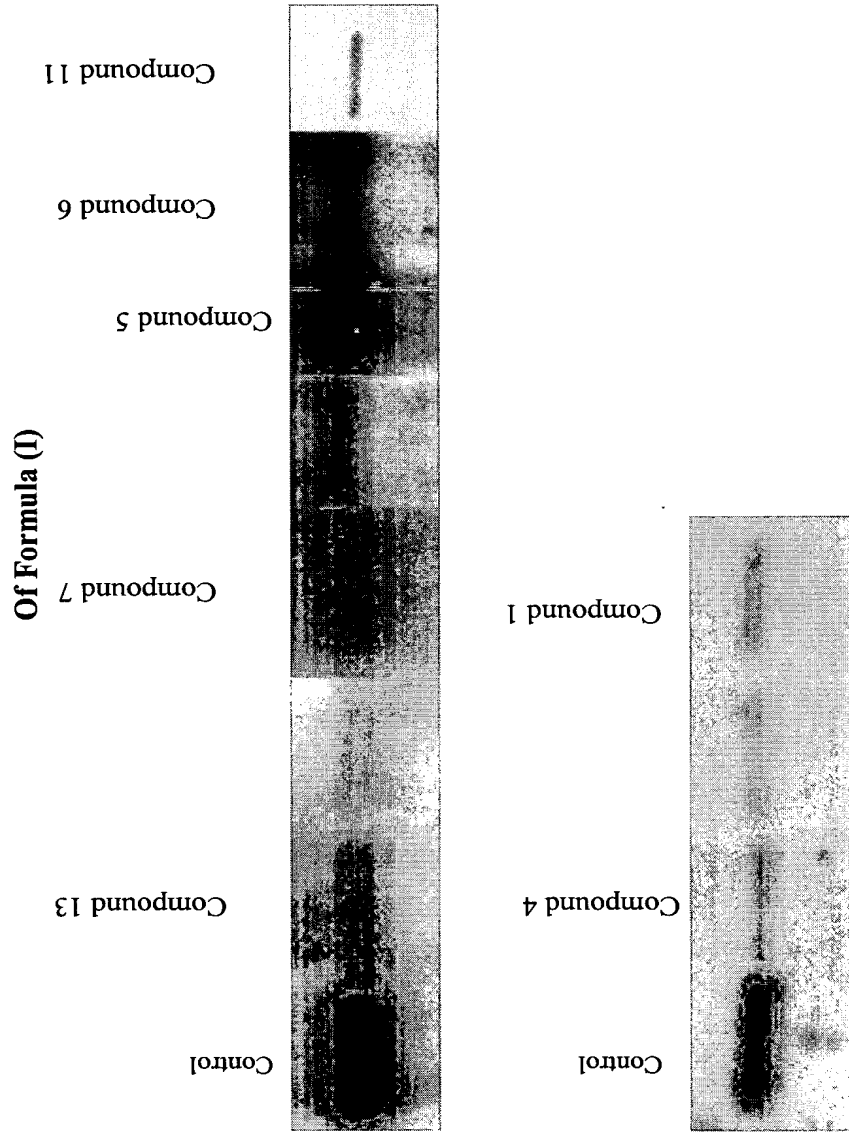


Figure 5

Effect of Compounds of Formula (I) on Progression of Mammary Tumors in Sprague Dawley Rats

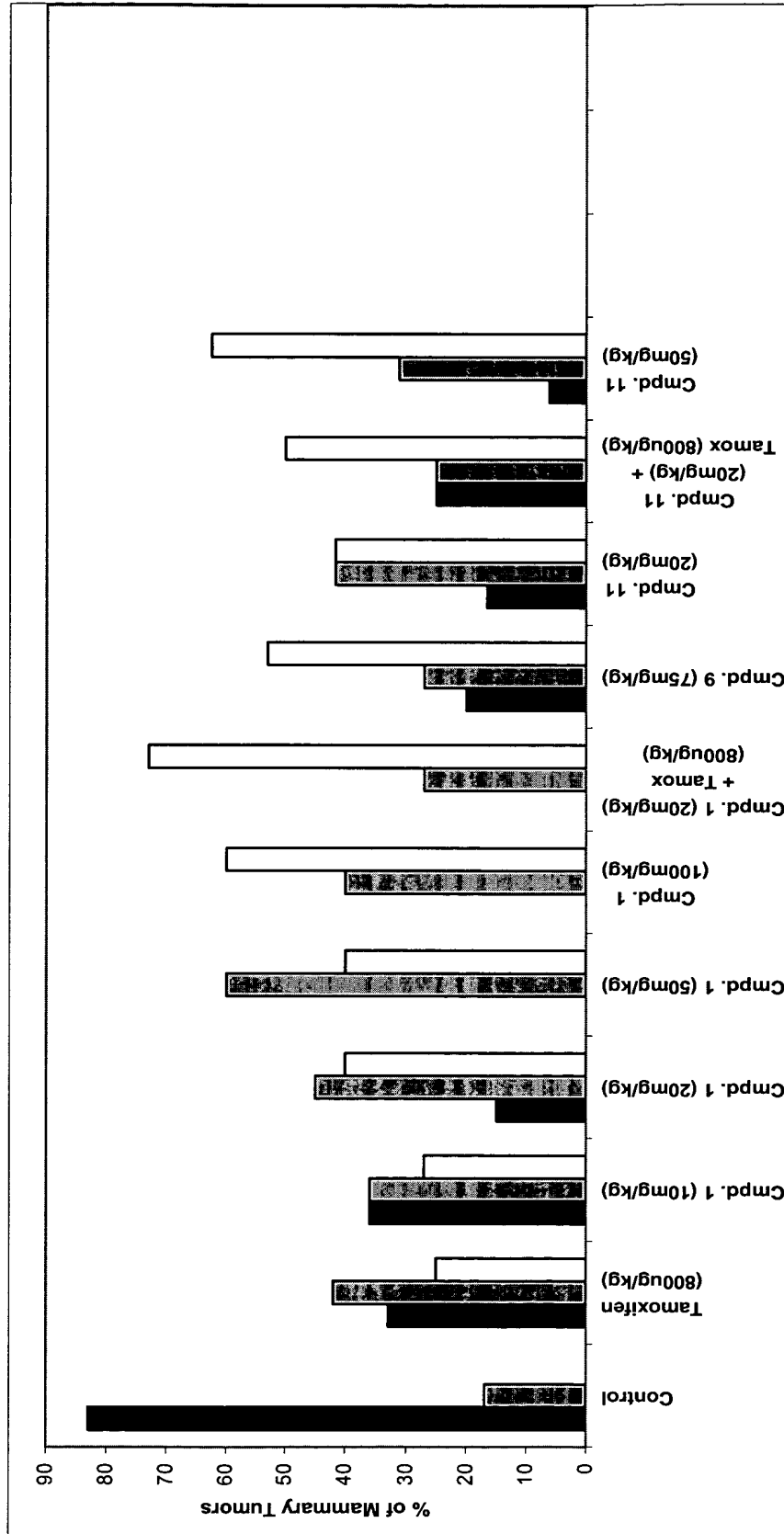


Figure 6

# Overall Synthetic Strategy for Synthesis of Compounds of Formula (I<sub>a</sub>) and (I<sub>b</sub>)

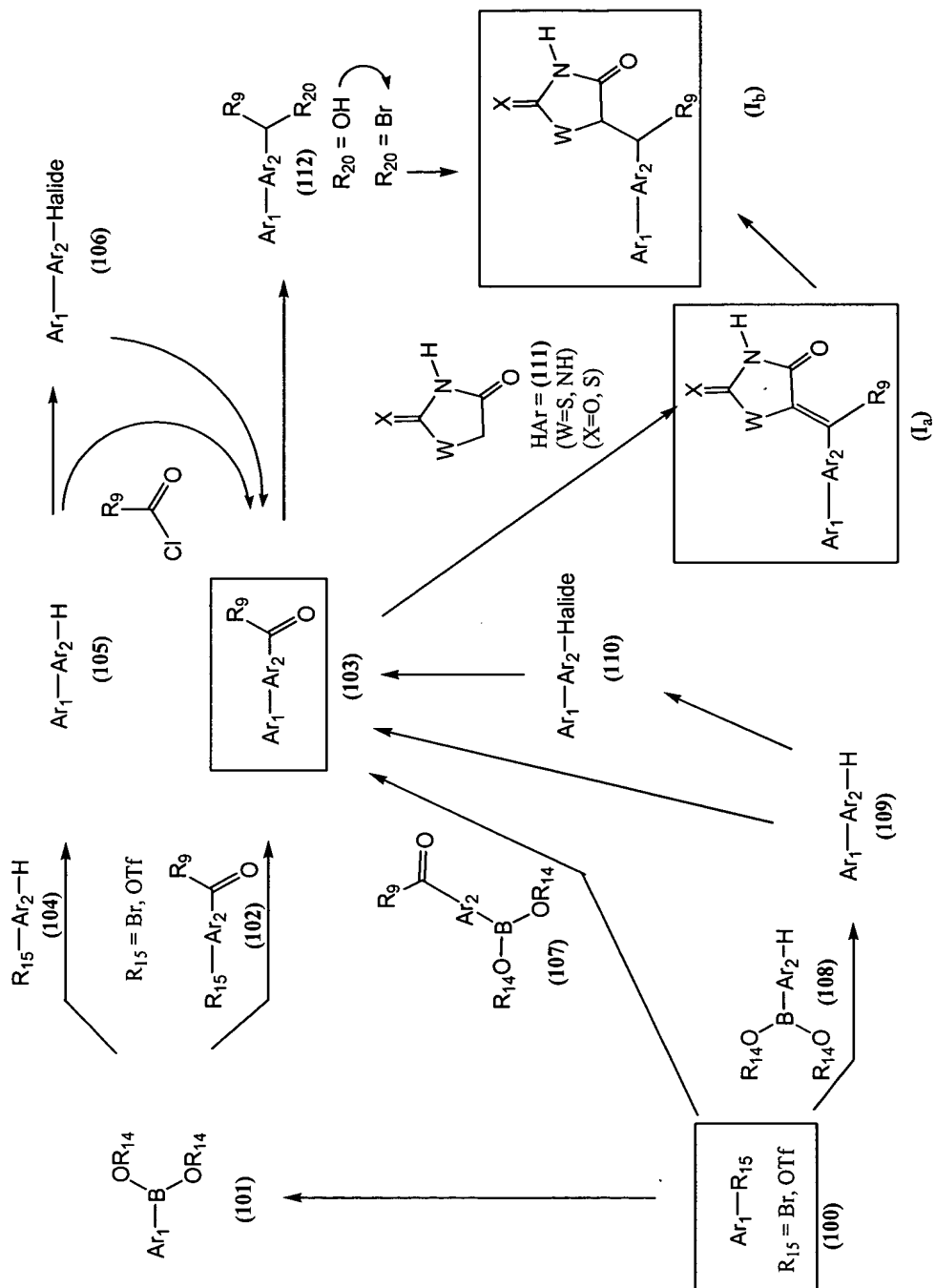


Figure 7

# Synthesis of Precursors of Isochromans (Ar<sub>1e</sub>) and (Ar<sub>1f</sub>)

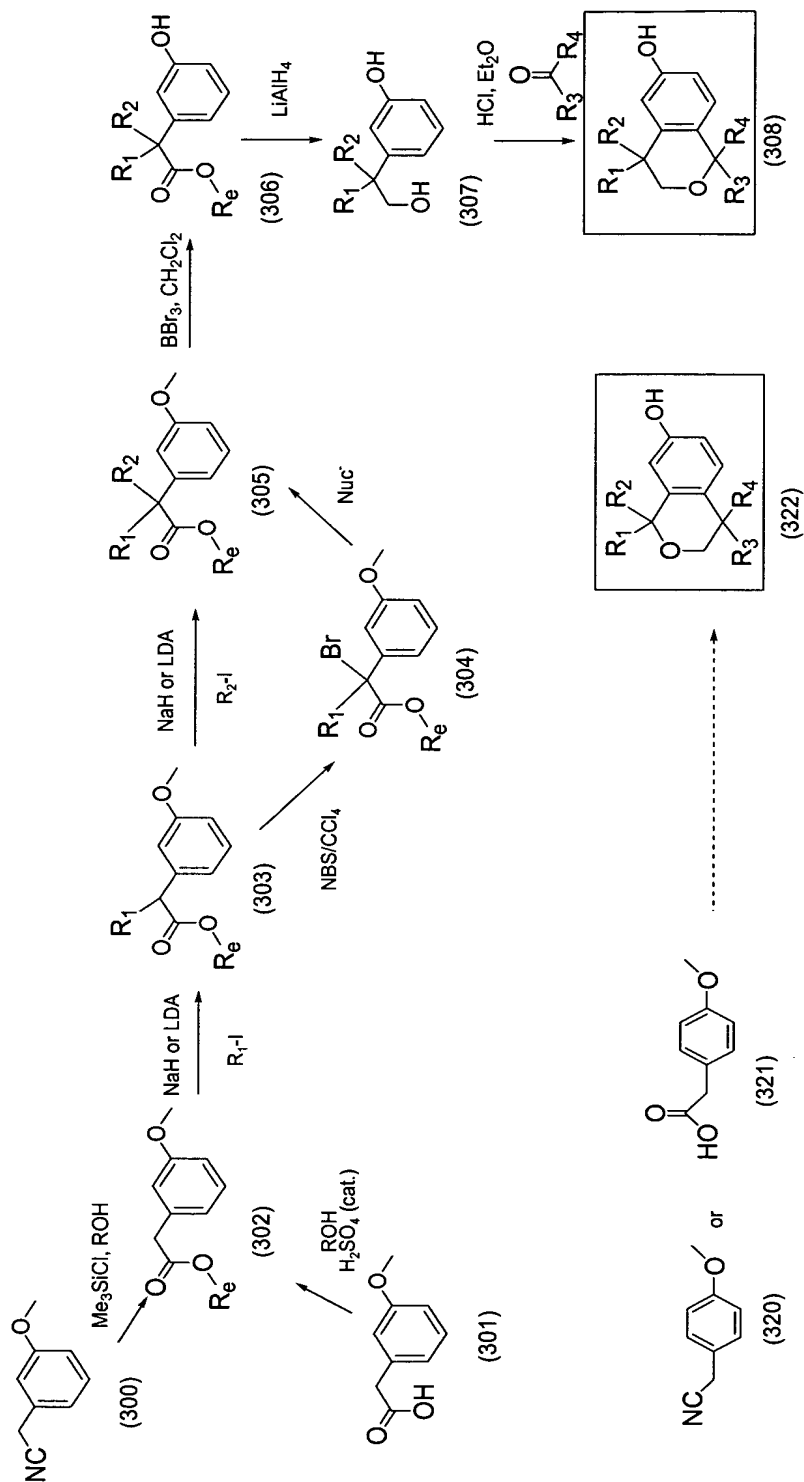
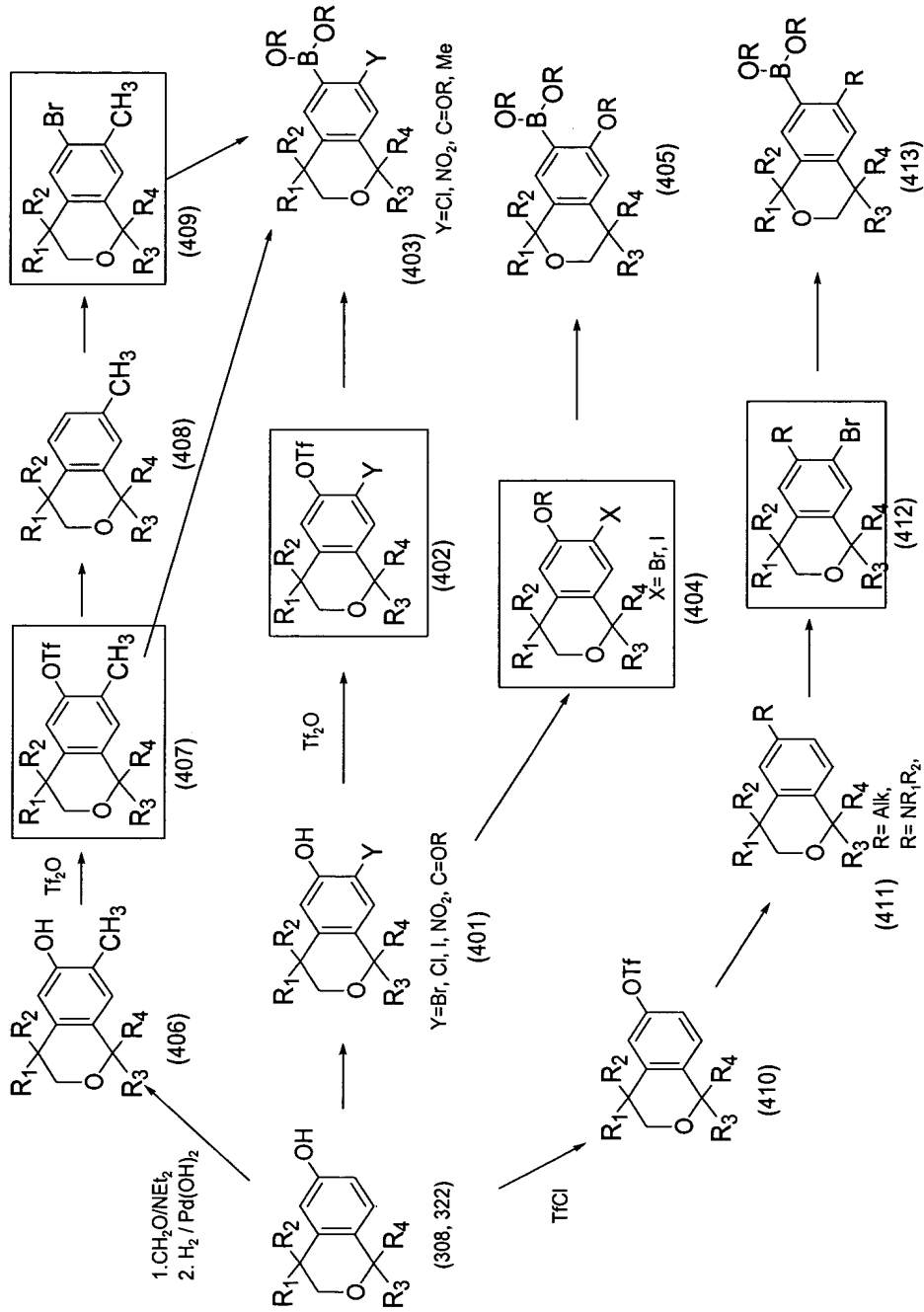


Figure 8

## Further Functionalization of Precursors Isochromans ( $\text{Ar}_{\text{Ie}}$ ) and ( $\text{Ar}_{\text{If}}$ )



### Figure 9

# Synthesis of Substituted Dihydronaphthalenyl Precursors of (Ar<sub>1g</sub>) and (Ar<sub>1h</sub>)

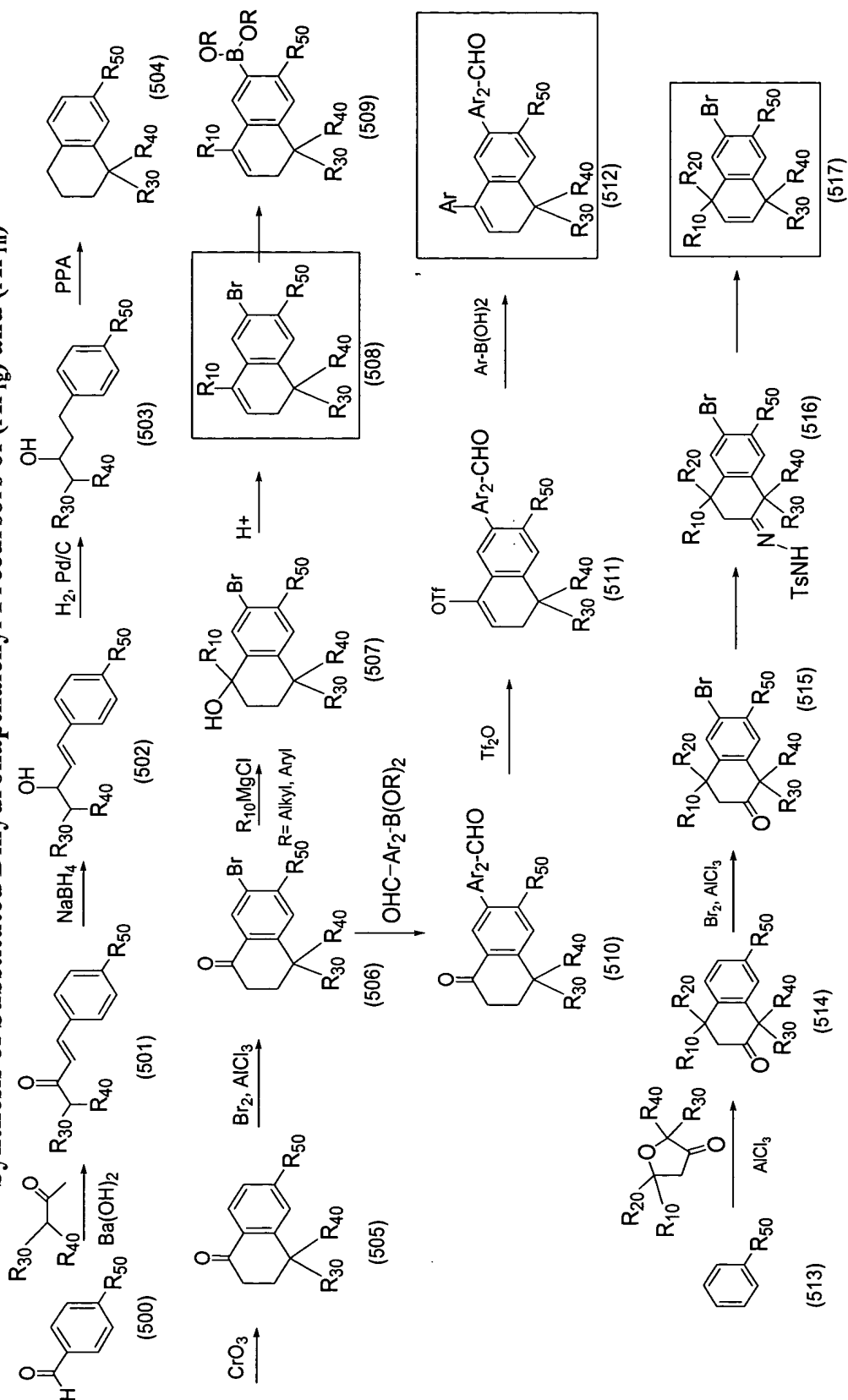


Figure 10